

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application of: R. ZAMBIAS et al.

AUG 12 2002

Serial No.: 09/009,846

Group Art Unit: 1618

GROUP 1600

Filed: January 20, 1998

Examiner: P. Ponnaluri

For: LOGICALLY ORDERED ARRAYS  
OF COMPOUNDS AND METHODS  
OF MAKING AND USING THE  
SAME

Attorney Docket No.: 5925-061

OFFICIAL

PRELIMINARY AMENDMENT UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please enter the following preliminary amendment into the file of the  
above-identified application prior to examination.

IN THE CLAIMS

Please add the following new claim:

26. (New) A method of making a spatially-addressable array of at least 500 different compounds, each of which is in solution, said compounds having a same common linear, branched, or cyclic molecular core comprising at least three atoms of carbon, nitrogen, oxygen, phosphorus or sulfur and at least two structural diversity elements attached thereto, said array comprising at least a first sub-array and a second sub-array, wherein the compounds composing the first sub-array each have at least one common structural diversity element, and the compounds composing the second sub-array each have at least one common

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being filed with the United States Patent and Trademark Office by facsimile transmission on August 9, 2002 to facsimile telephone number 703-872-9306.

Ian Scott

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(Reg. No.)